

ABSTRACT OF THE INVENTION

A lock assembly for attachment to an enclosure door. In preferred embodiments, the enclosure door has a lock assembly receiving opening [specifically created to receive] for receiving the lock assembly. the lock assembly includes a lock case assembly having a bolt that can be moved between at least two positions; a lock actuating assembly interconnected with the lock case assembly [such that the lock actuating assembly can actuate a change in the position of the bolt from one position to another]; and a mounting plate having an interior side and an exterior side. The lock actuating assembly is preferably secured to the mounting plate on the exterior side and the lock case assembly is preferably secured to the mounting plate on the interior side. The lock assembly [itself] can be secured to [within the lock assembly receiving opening of] the enclosure door by an interior mounting plate securing bracket, preferably two such brackets [which are] secured to the interior side of the mounting plate[and effectively grip an edge or preferably two edges of the enclosure door proximate the lock receiving opening so that the lock assembly can be secured to the enclosure door]. In alternate embodiments, the present invention provides [a mounting plate, an enclosure door including a lock assembly and] a method of securing a lock assembly to an enclosure door.